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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
ANIMAL DISEASE ERADICATION BRANCH
Washington 25, D. C.

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October 14, 1955

ADE BRANCH MEMORANDUM NO. 506.5

To: All ADF Branch Stations
From: A. F. Ranney, Chief, Tuberculosis Eradication Section
Subject: Serological Test for Johne's Disease

The Animal Disease Research Laboratory at Auburn, Alabama, is investigating a possible serological test for Johne's disease. To obtain material for this study they have requested a serum sample with each intestinal specimen being submitted to the Laboratory for microscopic examination for Johne's disease. The serum sample can be prepared as follows:

A brucellosis sample tube full of blood is collected from the suspected animal and the serum removed after the cells have clotted. To each 1 cc of serum add .1 cc of 1/1000 solution of merthiolate as a preservative. Solution of merthiolate 1/1000 obtainable through drug stores should not be confused with tincture of merthiolate which is not suitable as a serum preservative.

The serum in tubes marked for identification should accompany the intestinal specimens to Director, Regional Laboratory, ADP, ARS, Post Office Box 952, Auburn, Alabama. Post-mortem results and information regarding results of previous johnin and tuberculin tests on the herd from which the suspected animal was removed should also be included.

Instructions for collecting Johne's disease specimens are contained in B. & T. E. Division Letter No. 51.21, dated November 27, 1951.

A. F. Ranney

